

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 7    | "6127907"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/15 14:29 |
| L2    | 15   | "4835498"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/15 14:30 |
| L3    | 6    | ((("4686495") or ("4835498") or ("6249196"))).PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | OFF     | 2008/01/15 14:31 |
| L4    | 3    | ("4307352").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | OFF     | 2008/01/15 14:31 |
| L5    | 3    | 333/219.1.ccls. and (curved arc sickle semicircle semi adj circle semi\$circle)                                      | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR               | ON      | 2008/01/15 14:37 |
| L6    | 72   | 333/219.1.ccls. and (curved arc sickle semicircle semi adj circle semi\$circle)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/15 14:54 |
| L7    | 72   | 333/219.1.ccls. and (curved arc sickle arch semicircle semi adj circle semi\$circle)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/15 14:54 |
| L8    | 19   | ("4146896"   "4511860"   "4514707"   "4654606"   "4714906").PN. OR ("4835498").URPN.                                 | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/15 15:17 |
| L9    | 17   | "4307352"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/15 15:17 |
| S1    | 2089 | (dielectric ceramic) adj resonator and "333"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | ON      | 2008/01/14 12:37 |
| S2    | 192  | S1 and (cylindrical cylinder puck circle circular round) near3 (dielectric ceramic) adj resonator and "333"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | ON      | 2008/01/14 12:45 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S3  | 5   | "6175286"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/14 12:41 |
| S4  | 7   | ("4686496"   "4942377"   "5008640"<br>  "5457087"   "5680080"   "5831496"<br>  "6052041").PN.                           | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/14 12:43 |
| S5  | 3   | "5457431"   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/14 12:43 |
| S6  | 2   | ("4835498"   "5457431").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/14 12:43 |
| S7  | 5   | ("4146896"   "4511860"   "4514707"<br>  "4654606"   "4714906").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/14 12:44 |
| S8  | 4   | ("4149127"   "4331940"   "4357582"<br>  "4523159").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/14 12:44 |
| S9  | 112 | (cylindrical cylinder puck circle<br>circular round) near3 (dielectric<br>ceramic) adj resonator and<br>333/219.1.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/14 13:00 |
| S10 | 249 | (cylindrical cylinder puck circle<br>circular round) with (dielectric<br>ceramic) adj resonator and<br>333/219.1.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/14 12:47 |
| S11 | 72  | S10 and resonator with ( groove<br>recess niche indentation notch<br>trench channel)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/14 13:00 |
| S12 | 9   | ("2852752"   "2931992"   "3128439"<br>  "3594667"   "3740675"  <br>"4321568").PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/14 12:53 |
| S13 | 22  | ("3740675").URPN.   | USPAT   | OR | ON  | 2008/01/14 12:54 |
| S14 | 5   | ("4155053").URPN.   | USPAT   | OR | ON  | 2008/01/14 12:55 |
| S15 | 1   | ("3740675").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2008/01/15 12:16 |
| S16 | 778 | (333/219.1).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/14 13:00 |
| S17 | 417 | (cylindrical cylinder puck circle<br>circular round) and S16  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/14 13:00 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S18 | 173 | S17 and ( groove recess niche indentation notch trench channel)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/14 13:01 |
| S19 | 101 | S18 not S11   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/14 13:01 |
| S20 | 6   | ("3611196"   "4714903"   "4740762"   "5986520"   "6016090"   "6127907").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/14 15:24 |
| S21 | 6   | ("6127907").URPN.   | USPAT   | OR | ON | 2008/01/14 15:27 |
| S22 | 4   | ("4620169"   "5448211"   "6016090"   "6016434").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/14 15:29 |
| S23 | 7   | "6127907"   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/14 15:40 |
| S24 | 6   | "6127907" and ( resonator resonance resonant\$5)                            | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/14 15:51 |
| S25 | 4   | "6127907" and (electromagnet\$4 electrical\$4)                              | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/14 15:53 |
| S26 | 0   | "55044232"  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/14 15:53 |
| S27 | 1   | "55044232"  | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB               | OR | ON | 2008/01/14 15:54 |
| S28 | 1   | "5544232"   | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB               | OR | ON | 2008/01/14 15:54 |
| S29 | 2   | "62144417"  | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB               | OR | ON | 2008/01/14 15:55 |
| S30 | 2   | "03212009"  | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB               | OR | ON | 2008/01/14 15:55 |
| S31 | 4   | "2941826"   | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB               | OR | ON | 2008/01/15 14:36 |
| S32 | 7   | reflection adj filter and dielectric adj resonator                          | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2008/01/15 14:10 |